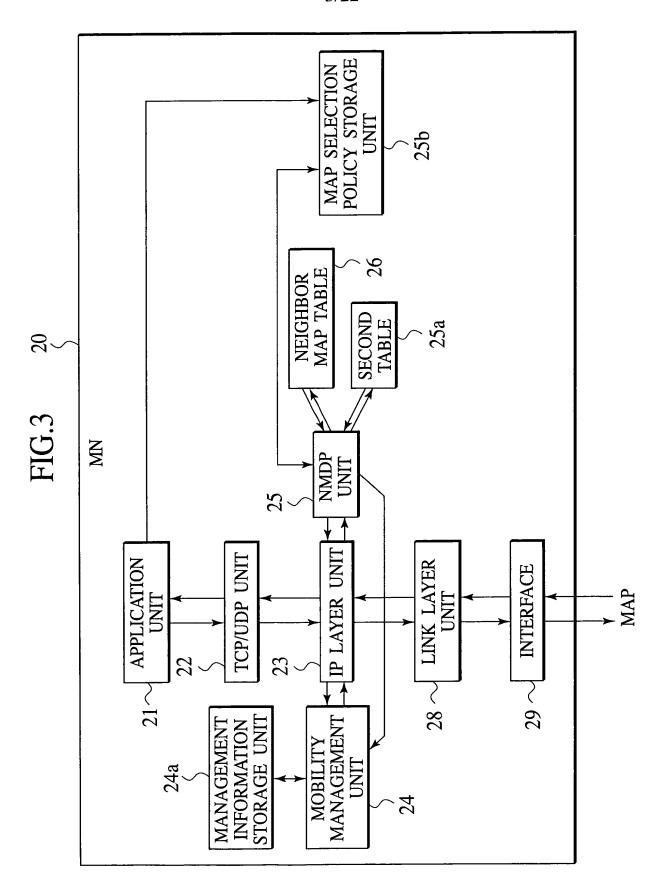


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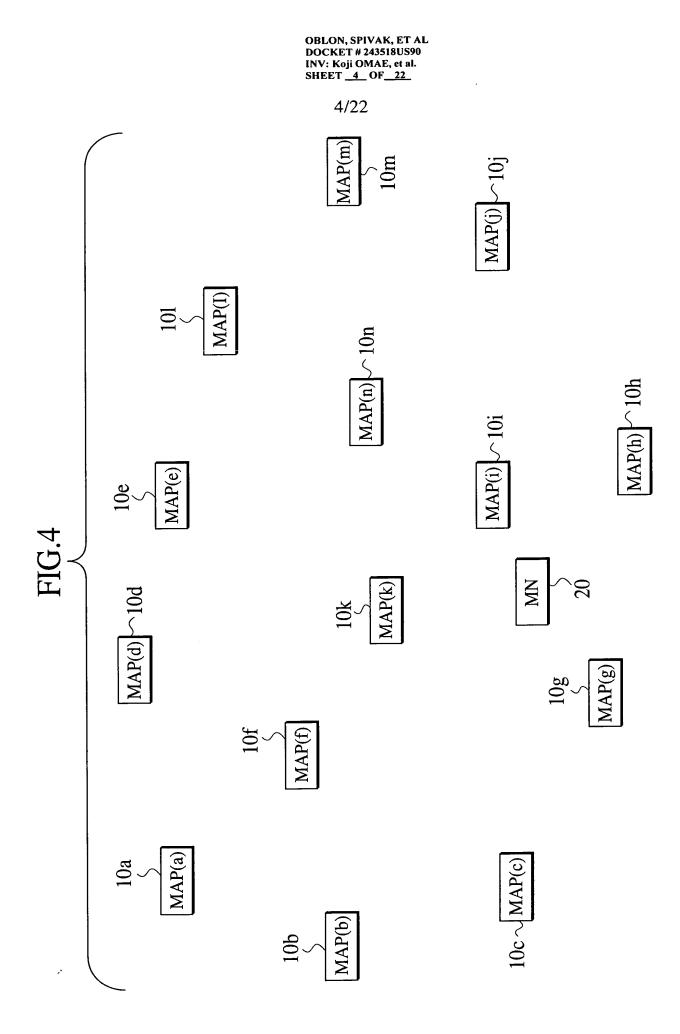


FIG.5

MAP(k)

16k

IP ADDRESS	DELAY VALUE (msec)	PROCESSING CAPABILITY	LIFETIME (sec)	SEQUENCE NUMBER 1
k	0	10(MEDIUM)	635	1653
f	6.5	11(LOW)	433	1652
i	6.8	01(HIGH)	122	1650
n	7.3	10(MEDIUM)	61	1649
g	13.0	00(HIGHEST)	122	1650

SEQUENCE NUMBER 2	1653
INITIAL LIFETIME(sec)	900
SEARCH LIFETIME(sec)	60
PROCESSING CAPABILITY	10(MEDIUM)
TIMER(sec)	111.5265
SMOOTHING FACTOR α	0.5

 IP ADDRESS	DELAY VALUE (msec)	PROCESSING CAPABILITY	LIFETIIME (sec)	SEQUENCE NUMBER 1	PROCESSING LIFETIME SEQUENCE COMMUNICATIONS (sec) NUMBER 1 CARRIER
B	3.3	00(HIGHEST)	22	<i>L</i> 99	CARRIER A
i	6.3	01(HIGH)	22	<i>L</i> 99	CARRIER A
k	8.1	10(MEDIUM)	16	799	CARRIER A
 h	8.9	00(HIGHEST)	18	663	CARRIER A
 u	6.6	10(MEDIUM)	18	663	CARRIER A

1	SEQUENCE NUMBER 2	<i>L</i> 99
	INITIAL LIFETIME(sec)	30
	SEARCH LIFETIME(sec)	15
	TIMER(sec)	52.0121
	SMOOTHING FACTOR β	0

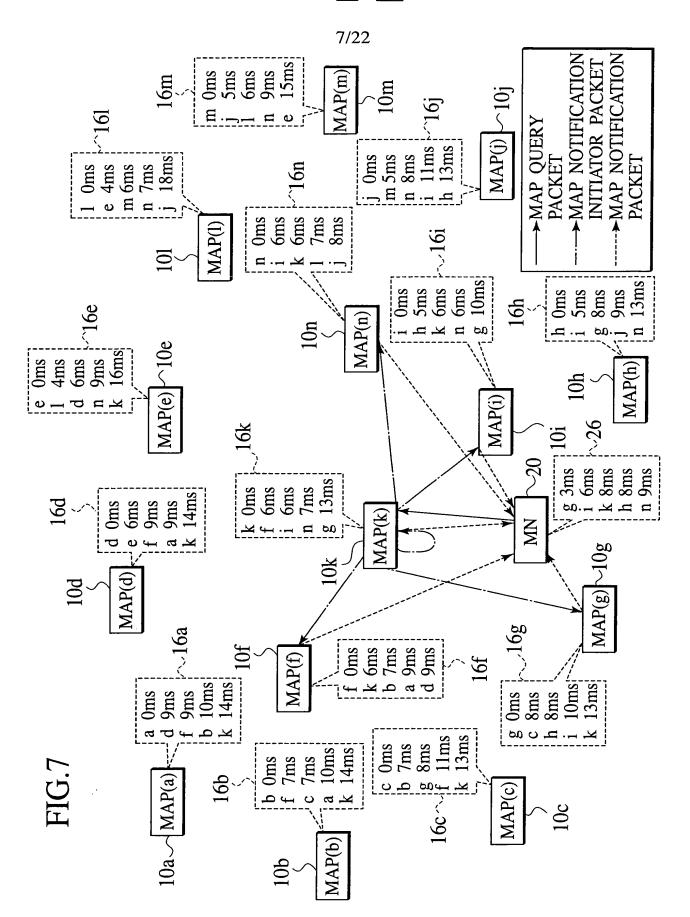


FIG.8

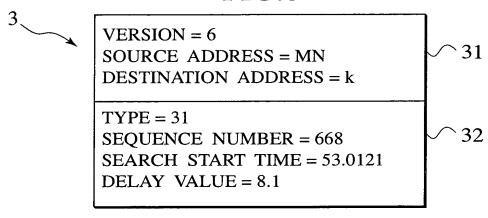


FIG.9A

VERSION = 6
SOURCE ADDRESS = k
DESTINATION ADDRESS = i

TYPE = 32
SEARCH SOURCE ADDRESS = MN
SEQUENCE NUMBER = 668
SEARCH START TIME = 53.0121
DELAY VALUE 1 = 8.1
DELAY VALUE 2 = 6.8

FIG.9B

VERSION = 6
SOURCE ADDRESS = k
DESTINATION ADDRESS = f

TYPE = 32
SEARCH SOURCE ADDRESS = MN
SEQUENCE NUMBER = 668
SEARCH START TIME = 53.0121
DELAY VALUE 1 = 8.1
DELAY VALUE 2 = 6.5

FIG.10A

VERSION = 6
SOURCE ADDRESS = i
DESTINATION ADDRESS = MN

TYPE = 33
SEQUENCE NUMBER = 668
SEARCH START TIME = 53.0121
DELAY VALUE 1 = 8.1
DELAY VALUE 2 = 6.8
PROCESSING CAPABILITY = 01(HIGH)
COMMUNICATIONS CARRIER = CARRIER A

FIG.10B

VERSION = 6
SOURCE ADDRESS = f
DESTINATION ADDRESS = MN

TYPE = 33
SEQUENCE NUMBER = 668
SEARCH START TIME = 53.0121
DELAY VALUE 1 = 8.1
DELAY VALUE 2 = 6.5
PROCESSING CAPABILITY = 11(LOW)
COMMUNICATIONS CARRIER = CARRIER A

1	IP ADDRESS	DELAY VALUE (msec)	PROCESSING CAPABILITY	LIFETIME (sec)	SEQUENCE NUMBER 1	PROCESSING LIFETIME SEQUENCE COMMUNICATIONS (sec) NUMBER 1 CARRIER
	8	3.3	00(HIGHEST)	21	199	CARRIER A
	• 1	6.3	01(HIGH)	21	299	CARRIER A
	K	8.0	10(MEDIUM)	30	899	CARRIER A
	h	8.9	00(HIGHEST)	11	699	CARRIER A
	u	6.6	10(MEDIUM)	17	693	CARRIER A

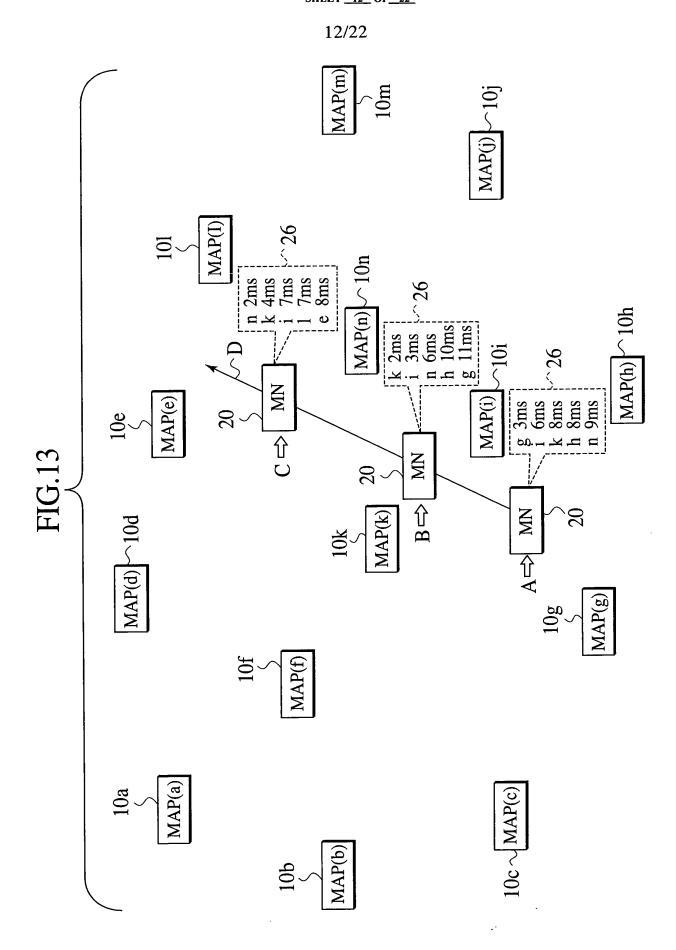
1	SEQUENCE NUMBER 2	899
	INITIAL LIFETIME(sec)	30
	SEARCH LIFETIME(sec)	51
	TIMER(sec)	53.0330
	SMOOTHING FACTOR β	0

FIG. 1

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26		131 1114				
1	IP ADDRESS	VALUE (msec)	PROCESSING LIFETIME SEQUENCE (sec) NUMBER 1	LIFETIME (sec)	SEQUENCE NUMBER 1	COMMUNICATIONS CARRIER
	å	3.3	00(HIGHEST)	21	<i>L</i> 99	CARRIER A
	i	0.9	01(HIGH)	30	899	CARRIER A
	K	8.0	10(MEDIUM)	30	899	CARRIER A
	ų	6.8	00(HIGHEST)	17	663	CARRIER A
	п	6.6	10(MEDIUM)	17	663	CARRIER A
25a						
ſ	SEQUENCE NUMBER 2	NUMBER		899		
	INITIAL LD	LIFETIME(sec)	(:	30		
	SEARCH L	LIFETIME(sec)	(20	15		
	TIMER(sec)		53	53.0419		
	SMOOTHING FACTOR β	G FACTOF	8 8	0		

FIG. 1



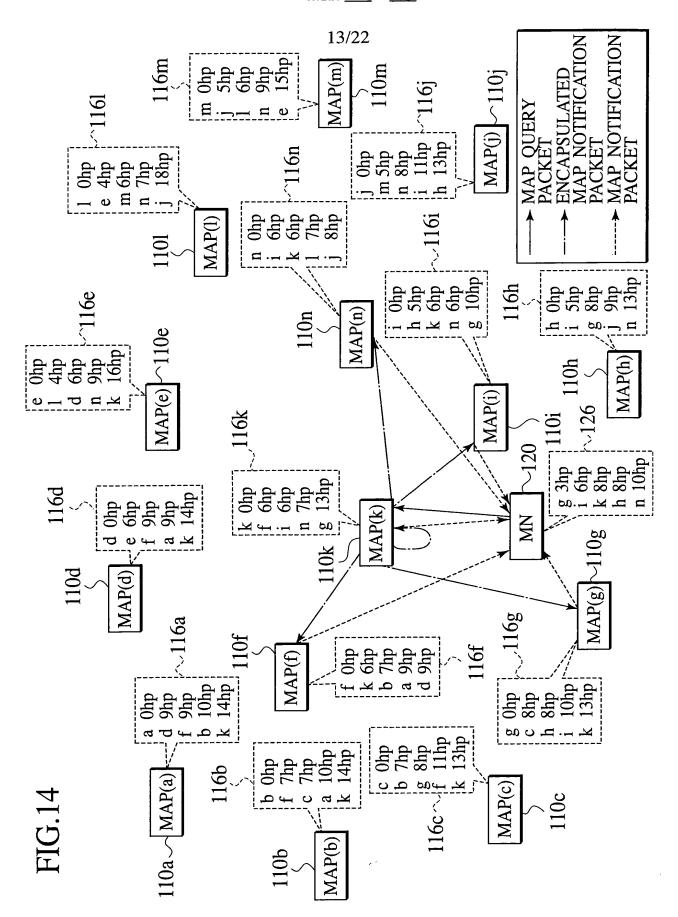


FIG.15

MAP(k)

110V	1	1	6k
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IP ADDRESS	NUMBER OF HOPS	LIFETIME (sec)	SEQUENCE NUMBER 1
k	0	635	1653
f	5	433	1652
. i	6	122	1650
n	7	61	1649
g	13	121	1650

	SEQUENCE NUMBER 2	1653
١	INITIAL LIFETIME(sec)	900
	SEARCH LIFETIME(sec)	 60
	INITIAL HL	13

FIG.16

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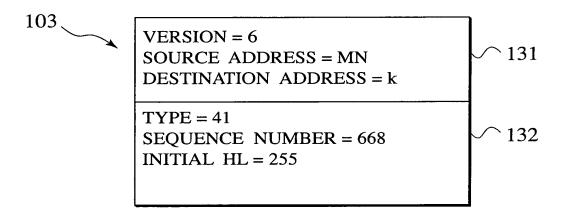
IP ADDRESS	NUMBER OF HOPS	LIFETIME (sec)	SEQUENCE NUMBER 1
g	3	22	667
i	6	22	667
k	8	16	662
h	8	18	663
n	10	18	663

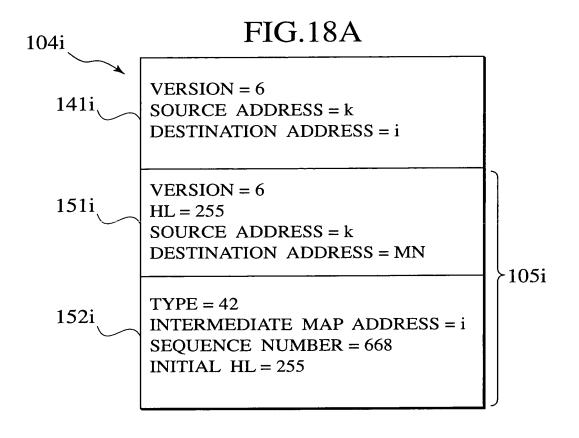
SEQUENCE NUMBER 2	667
INITIAL LIFETIME(sec)	30
SEARCH LIFETIME(sec)	15
INITIAL HL	255

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FIG.17





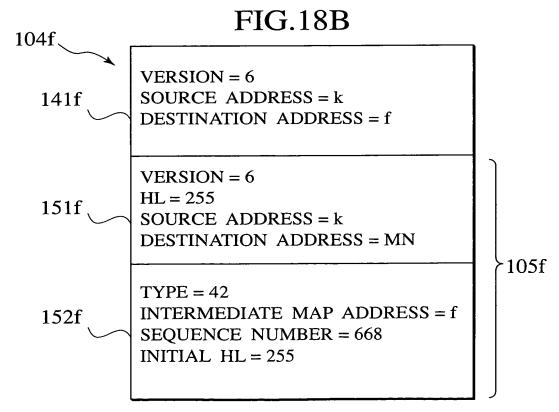


FIG.19A

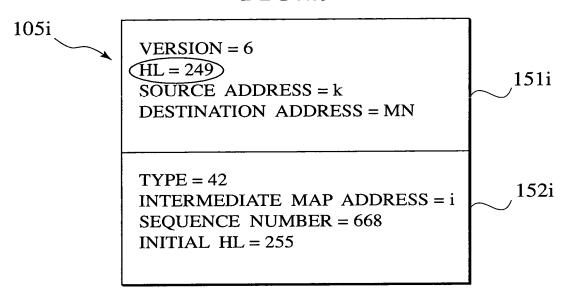
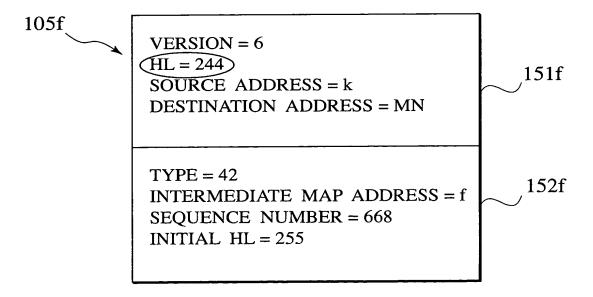


FIG.19B



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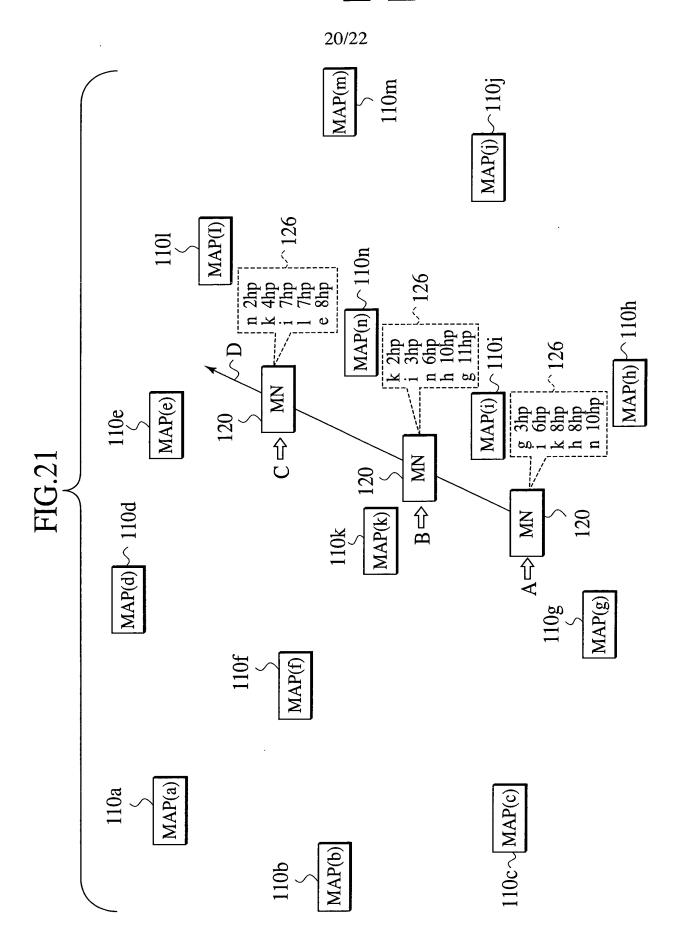
FIG.20

126.

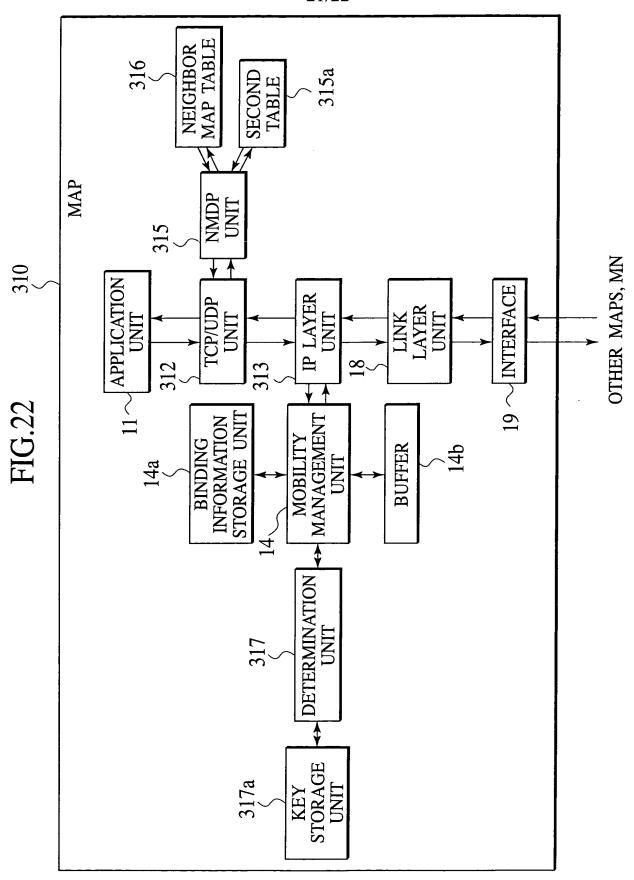
	IP ADDRESS	NUMBER OF	LIFETIME (sec)	SEQUENCE NUMBER 1
\cdot	g	HOPS 3	21	667
l	i	6	21	667
Ī	k	8	30	668
ſ	h	8	17	663
	n	10	17	663

SEQUENCE NUMBER 2	668
INITIAL LIFETIME(sec)	30
SEARCH LIFETIME(sec)	15
INITIAL HL	255

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